

Envoy the traveling computer terminal.





Take it to the problem.

Envoy is a full-scale portable CRT computer terminal. Plug it into an ordinary outlet, insert the handset of an ordinary telephone, pop up the screen and you are in two-way contact with your computer.

The complete terminal weighs 30 pounds. It's rugged, it's quiet, and it comes in its own carrying case. And it's fully compatible with Teletype* data communication systems. One model, the Envoy-600, displays 512 characters; another, the Envoy-640, displays 1024 characters.

For a scientist or an engineer, or for anyone who constantly uses a computer in his work, the advantages of a portable CRT terminal are obvious.

For others who are not now using computers, the advantages of a portable terminal are perhaps less obvious, but no less compelling. The architect and construction engineer, the petroleum geologist and the production engineer, to name only a few, can solve problems and alter designs, assess data and make complex calculations on the spot, saving enormous amounts of time and money.

*Registered trademark of Teletype Corporation.





Take it to the customer.

Any salesman, especially one selling from a changing inventory, seeks ways to take some of the guesswork out of his job. If he has access to the latest information, he is more competitive. If he can reduce his paperwork and order processing, he is left with more time to make sales.

Consider the textile salesman. He is in the customer's office on the point of closing a sale for, say, 10,000 yards of purple paisley shirting. The customer wants it or nothing. The salesman could walk out with the order in his pocket. Trouble is, he's been on the road for three days, and he doesn't know whether he's still got that much material in stock.

If he had an Envoy he'd know in an instant—yardage available, prices, discounts, shipping dates, credit check, the whole thing. No paper work, no delay, no lost order.

Other people can benefit from Envoy in the customer's office too. Take the maintenance man responsible for heavy equipment. He could lug along an armload of catalogs, trouble shooting routines, wiring lists and manuals. But with an Envoy he could push a key and display whatever routines he needs. He could push another key and display a parts requisition form; then fill in the blanks with pertinent information and have the part shipped that night. The computer can even be programmed to blink certain key data, a change in price, for example.

Then, there's the time sharing salesman who wants to demonstrate his services in the prospect's office. The automobile insurance salesman. The public accountant. The spot TV salesman. The materials consultant. And a lot of other uses you can probably figure out better than we can.





Take it home.

The home-user market may not be a very big one at the moment. But it also is true that as prime-time access to computers gets more competitive, many programmers will have to do their computer work at night and on weekends. With Envoy, they can work at home.

Then, the executive will find a portable terminal convenient for use at home, in conference and while he is on business trips.

Operating features make it easy to use. Unlike most CRT terminals, Envoy displays black characters on a white "page," centered on the screen. This drastically reduces eyestrain and makes it easy to anticipate the end of a line.

To fit varying application needs, you have three operating modes—conversational, message and page.

In the conversational mode, each character you type simultaneously appears on the screen as it is transmitted, like any other terminal. Unlike other terminals, if you make a mistake, you can correct it without retyping the whole line. You simply interrupt and change the character.

The other two modes allow you to edit a message, or a full page of data, before it is transmitted. This is good for people given to second thoughts.

While in the message or page mode, a formatting feature lets you display both fixed and variable data. Thus, the computer can send you a blank form and display it on the screen. You fill in the blanks.

Some other features. Our acoustic coupler will tolerate lines ten times weaker than other couplers. Complete acoustic shielding means you can use Envoy in noisy places. Complete gasketing means a rainstorm won't hurt it. A cast magnesium frame and a scuff-proof vinyl case help Envoy stand up to rough treatment. The dimensions are 6" x 16" x 22".

You can slide it under your airplane seat.

Specifications

Envoy-600—16 lines of 32 characters each, built-in acoustic coupler. Not available with insert/delete or formatting features.

Envoy-640—16 lines of 64 characters each, built-in acoustic coupler, insert/delete and formatting features standard.

Modes—conversational (including edit sub-mode), page and message.

Character set—64 alphanumeric characters, each formed by 5 x 7 dot matrix.

Display presentation—data appears as dark characters on a light background.

Screen size—5" diagonal.

Refresh rate—60 frames per second.

Type of memory—solid state, MOS semiconductor.

Transmission—half-duplex at 110 or 300 baud (switch selectable).

Editing controls—horizontal tab; screen erase; new line; cursor: up, down, back, forward, home; insert/delete (Envoy 640); format on/off (Envoy 640).

Panel indicators—power, carrier.

Keyboard—solid state. All TTY alphanumerics and control codes can be generated.

Power—115 \pm 10% VAC/60 Hertz, 110 VA nominal.

Size—6 $\frac{3}{8}$ " x 16" x 22 $\frac{1}{2}$ "

Weight—30 lbs. (approx.)

ADDS

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Take it anywhere.